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tion and Transmission Engineering" and "Physical Laboratory Experiments." He had also written a number of monographs and papers on special topics.

Dr. Sheldon was an honorary fellow of the American Electrotherapeutic Association, fellow and past-president of the American Institute of Electrical Engineers, member of the American Physical Society, member and past-president of the New York Electrical Society, member of the American Electrochemical Society, fellow of the American Association for the Advancement of Science, member of the Society for the Promotion of Engineering Education, member, past-vice-president and assistant treasurer of the United Engineering Society and chairman of its library committee, member of the Brooklyn Institute of Arts and Sciences and president of its department of electricity, and member of the Engineers' Club.

ERICH HAUSMANN

SCIENTIFIC EVENTS

THE CALIFORNIA INSTITUTE OF TECHNOLOGY

THE California Institute of Technology, Pasadena, California, opened the work of the new year on September 27. The name of this institution was changed from Throop College of Technology to its present name by order of court, on petition of the board of trustees, on April 7, 1920. From the fall enrollment, the total attendance for the year is estimated at 400 students, a substantial increase over the enrollment of last year, which marked the largest attendance up to that time.

The institute has just received from Dr. Norman Bridge an additional gift of \$100,000, for the Norman Bridge Physical Laboratory. His original gift for this purpose was \$150,000, this addition making a total of \$250,000. The construction of the building will be commenced immediately, and the building will be completed for the opening of the college year 1921-1922.

The resignation of Dr. James A. B. Scherer as president of the institute was accepted by the board of trustees on September 11. Dr.

Scherer was president of the institute for twelve years. His resignation was occasioned by the condition of his health. When Dr. Scherer assumed the presidency the institute occupied old buildings, its work was almost wholly that of a preparatory school, its endowment very small, and its staff little known in the educational world. To-day it is a scientific institution of recognized standing, it occupies a physical plant consisting of a beautiful campus of twenty-two acres and four modern, reinforced concrete buildings, beautiful in architecture and equipment with the most modern scientific equipment. It has a substantial and constantly growing endowment, and has drawn into its staff men of the highest standing in science and engineering, including such outstanding figures as Dr. Arthur A. Noyes, who has recently become a full-time member of the faculty, Dr. Robert A. Millikan, who, under a cooperative arrangement with the University of Chicago, spends a portion of each year at the institute, and Dr. A. A. Michelson, who as research associate of the institute has recently installed on its campus apparatus for the measurement of earth tides, and has recently spent several months at the institute in connection with this investigation.

Pending the appointment of a new president a faculty administrative committee has been appointed, composed of Franklin Thomas, professor of civil engineering, chairman, Dr. Arthur A. Noyes, director of chemical research, Clinton K. Judy, professor of English and chairman of the faculty, Harry C. Van Buskirk, professor of mathematics and recorder, and Edward C. Barrett secretary of the institute.

New appointments to the staff of the institution are:

John R. Macarthur, B.A., University of Manitoba, 1892; Ph.D., University of Chicago, 1903; associate professor of English.

Captain Frederic W. Hinrichs, U. S. A. Retd., West Point, 1902; B.A., Columbia University, 1902; assistant professor of mechanics.

Captain Hans Kramer, U. S. A. Engineers, West

- Point, 1918; professor of military science and tactics.
- Samuel A. Tenison, H.S., James Millikan University, 1914; assistant professor of physical education.
- Roscoe G. Dickinson, S.B., Massachusetts Institute of Technology, 1915; Ph.D., California Institute of Technology, 1920; National Research Council Fellow; research associate in chemistry.
- Clyde L. E. Wolfe, B.S., Occidental College, 1906; M.S., Occidental College, 1907; A.M., Harvard University, 1908; Ph.D., University of California, 1919; instructor in mathematics.
- Ernest H. Swift, B.S., in chemistry, University of Virginia, 1918; M.S., California Institute of Technology, 1920; instructor in analytical chemistry.
- Fred L. Poole, B.S., California Institute of Technology, 1918; M.S., Union College, 1919; instructor in electrical engineering.
- Fred K. Converse, B.S., in mechanical engineering, University of Rochester, 1914; instructor in civil engineering.
- Glen G. H. Bowlus, B.S., Purdue University, 1912; instructor in mechanical drawing.
- James B. Friauf, A.B., University of Montana, 1918; instructor in physics.

**THE HECKSCHER FOUNDATION FOR THE
PROMOTION OF RESEARCH AT
CORNELL UNIVERSITY**

THE committee on general administration of the Cornell University board of trustees, on October 2, adopted a plan for the administration of the income from the Heckscher Foundation for the Promotion of Research in Cornell. August Heckscher gave Cornell University \$500,000 last summer as an endowment to promote research. The plan of administration is described in the following resolutions which the committee adopted:

That the income shall be used only for the promotion of research, including the publication of the results thereof.

That for the present the income shall not be used for permanent research professorships.

That the income shall not be used to increase the emoluments of any member of the teaching staff.

That the income shall not be used intentionally to promote investigation leading to patent rights or to the pecuniary benefit of the investigators through patent rights, or in any similar manner.

That for the administration of the foundation

there be established a council to be known as the Heckscher Research Council. This council shall consist of the president of the university, *ex officio*, as chairman; two trustees to be elected by the board of trustees whose respective terms as members of the council shall continue until the expiration of their then respective terms as trustees; the dean of the graduate school, *ex officio*; four members of the university faculty, two from each of the two groups known as the group of sciences and the group of letters as specified in Section 2 of Article XII. of the university statutes and relating to the university library; and two emeritus professors to be selected annually by the council.

The terms of the four faculty members to be elected by the groups of the faculty shall, at the first election, be for one, two, three and four years, respectively, and thereafter the term of each shall be four years.

All members of the council shall continue to hold office until their successors are elected.

This council shall, subject to the approval of the board of trustees, have general supervision of research under the Heckscher Foundation, the expenditure of the income of the fund, and all other matters pertaining thereto. The council shall report its recommendations from time to time to the board of trustees and upon the approval of the same the expenditure of appropriations shall follow the usual practise of the university.

The council shall call annually for requests for grants from individual investigators, or groups of investigators proposing to collaborate, but not from departments of the university as such, nor from colleges.

The council shall have power to establish and from time to time modify the rules and regulations governing its meetings and the details of appropriations.

The annual report of progress shall be made to the council by each investigator or group receiving a grant. An annual report to the board of trustees shall be made by the council and a copy thereof sent to the founder of the fund. A minimum of one hundred copies of all publications of the results of the investigations shall be delivered to the council for preservation in the university library and distribution under the direction of the council. A bound copy of such publications shall from time to time be transmitted to the founder.

AUSTRIAN METEOROLOGISTS APPEAL FOR AID

SEVERAL pathetic appeals from Austrian meteorologists or their families have been